#### Top Secret





## Summary Report

NATIONAL PHOTOGRAPHIC INTERPRETATION CENTER

# TYPE D COMSAT STATION IDENTIFIED IN THE USSR (S)

Top Secret

SR-032/77

**JUNE 1977** 

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## Warning Notice Sensitive Intelligence Sources and Methods Involved (WNINTEL)

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#### DISSEMINATION CONTROL ABBREVIATIONS

NOFORN- Not Releasable to Foreign Nationals NOCONTRACT Not Releasable to Contractors or

Contractor/Consultants

PROPIN Caution-Proprietary Information Involved

USIBONLY- USIB Departments Only

ORCON Dissemination and Extraction of Information

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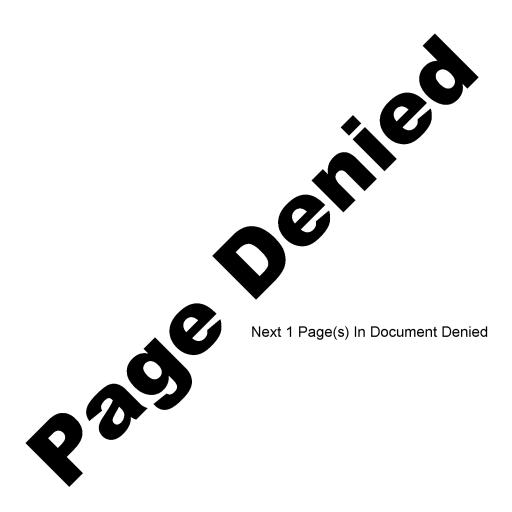
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Type D Comsat Station Identified in the USSR (S)	
(S/WNINTEL) A new type of communications satellite (comsat) station has been ider tified at three radio communications transmitter stations in the USSR from photography of The facilities are Yeniseysk Radio Communications and Radio-Relation Transmitter Station and Yelozovo Navy Radio Communication Transmitter Station (	of y 25X1 y 25X1
(TSR) This new type of comsat station, designated as type D, is a one-story building, 2 by 13 by 4 meters (Figure 1). The antenna pedestals are at the ends of the building, off cer ter from the long axis and approximately 18 meters apart. The dimensions of the type 1 comsat station are the same as those for the type A and B comsat stations except that the overall length of the type D building is 6 meters shorter (Figure 2).	n- [)
(S/WNINTEL) No antennas were observed at the three new comsat stations. Howeve they will each probably have twoantennas, as do the types A, B, and comsat stations.	
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#### List of Conversion Factors by Classification

#### **UNITS OF LENGTH**

#### **UNITS OF MASS**

IF YOU HAVE	MULTIPLY BY	TO OBTAIN	IF YOU HAVE	MULTIPLY BY	TO OBTAIN
MILLIMETERS	0.0394	INCHES	KILOGRAMS	2.2046	DOLINDO (AMOID)
CENTIMETERS	0.3937	INCHES	POUNDS(AVOIR.)	0.4536	POUNDS(AVOIR.)
INCHES	25.4000	MILLIMETERS	SHORT TONS	0.4336	KILOGRAMS
INCHES	2.5400	CENTIMETERS	METRIC TONS	1.1023	METRIC TONS
FEET	0 3048	METERS	METRIC TONS	0.9842	SHORT TONS LONG TONS
FEET	0.0003	KILOMETERS	LONG TONS	1.0160	METRIC TONS
YARDS	0.9144	METERS	20110 10110	1.0 100	METHIC TOMS
METERS	3.2808	FEET			
METERS	0.0005	MILES(NAUTICAL)			
METERS	1.0936	YARDS	UNITS OF VOLUME		
KILOMETERS	3280.8400	FEET			
KILOMETERS	0.6214	MILES(STATUTE)	IF YOU HAVE	MULTIPLY BY	TO OBTAIN
KILOMETERS	05400	MILES(NAUTICAL)	LITERS	0.2642	CALLONIC
MILES(STATUTE)	1.6093	KILOMETERS	LITERS	0.2042	GALLONS
MILES(NAUTICAL)	60761154	FEET	LITERS	0.0010	BARRELS(POL)
MILES(NAUTICAL)	1 8520	KILOMETERS	GALLONS	3.7854	CUBIC METERS
MILES(NAUTICAL)	18520000	METERS	GALLONS	0.1337	LITERS
			GALLONS	0.0238	CUBIC FEET
			GALLONS	0.0038	BARRELS(POL) CUBIC METERS
			BUSHELS	0.0352	CUBIC METERS
UNITS OF AREA			CUBIC FEET	7.4805	GALLONS
IF YOU HAVE	MULTIPLY BY	TO OBTAIN	CUBIC FEET	0.1781	BARRELS(POL)
SQUARE CENTIMETERS	0 1550	SQUARE INCHES	CUBIC FEET	0.0283	CUBIC METERS
SQUARE INCHES	6 4516	SQUARE CENTIMETERS	CUBIC YARDS	0.7646	CUBIC METERS
SQUARE FEET	0.0929	SQUARE METERS	BARRELS(POL)	158.9873	LITERS
SQUARE YARDS	0.8361	SQUARE METERS	BARRELS(POL)	42.0000	GALLONS
SOUARE METERS	10 7639	SQUARE FEET	BARRELS(POL)	5.6146	CUBIC FEET
SOUARE METERS	1 1960	SQUARE YARDS	BARRELS(POL)	0.1590	CUBIC METERS
SQUARE METERS	1.0000	CENTARES	CUBIC METERS	1000.0000	LITERS
SQUARE METERS	0.0002	ACRES	CUBIC METERS	264.1721	GALLONS
SQUARE METERS	0.0001	HECTARES	CUBIC METERS	35.3147	CUBIC FEET
ACRES	4046.8564	SQUARE METERS	CUBIC METERS	28.3776	BUSHELS
ACRES	0.4047	HECTARES	CUBIC METERS	6.2898	BARRELS(POL)
HECTARES	10000.0000	SQUARE METERS	CUBIC METERS	1.3080	CUBIC YARDS
HECTARES	2.4711	ACRES		<del></del>	

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